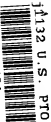


11/15/01



12-06-01

Box Sequence
 10003132

 Express Mail Label No. EL684002251US
 Date of Deposit: November 15, 2001
 File No.: 00-62

 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FEE TRANSMITTAL

 Commissioner for Patents
 Box Patent Application
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR §1.53(b) is the

- | | | | |
|-------------------------------------|-------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | patent application | <input type="checkbox"/> | continuation patent application |
| <input type="checkbox"/> | divisional patent application | <input type="checkbox"/> | continuation-in-part patent application |

of Applicants: Brian A. Fox, Zeren Gao, Kimberly E. Shoemaker

Title: NEUROPILIN HOMOLOG ZCUB5

- | | | | |
|-------------------------------------|------------------------------|-------------------------------------|----------------------|
| <input checked="" type="checkbox"/> | 62 pages of specification | <input checked="" type="checkbox"/> | 9 sheets of drawings |
| <input type="checkbox"/> | 31 pages of sequence listing | | |

An assignment of the invention to _____

2 sheets of ☐ signed ☒ unsigned Declaration and Power of Attorney
 ASCII Computer Disk Sequence pursuant to 37 C.F.R. 1.821(f). It is believed that the
 content of the paper sequence listing and the computer readable sequence listing are the same.
CALCULATION OF APPLICATION FEE

Claim Type	No. Filed	Less	Extra	Extra Rate	Fee
Total	19	-20	0	\$9.00	\$000.00
Independent	4	-3	1	\$42.00	\$42.00
Basic Fee					\$370.00
Multiple Dependency Fee					\$000.00
If Applicable (\$140.00)					\$000.00
Total Filing Fee					\$412.00

- ☐ Priority of application Serial No. _____ filed on _____ in _____ is claimed under 35 U.S.C. 119. A certified copy thereof is submitted herewith.
- ☒ The benefit of application Serial No. 60/249,004 filed on November 15, 2000 in the U.S. Patent and Trademark Office is claimed under 35 U.S.C. 120 or 119(e) 1.

Applicants claim small entity status. Please charge ZymoGenetics, Inc., Deposit Account No. 26-0290 as follows:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Filing fee, estimated to be \$412.00 |
| <input checked="" type="checkbox"/> | Assignment recording fee |
| <input checked="" type="checkbox"/> | Any additional fees associated with this paper or during the pendency of this application. |
| <input type="checkbox"/> | The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). |

A copy of this sheet is enclosed.

Respectfully submitted,

 Gary E. Parker
 Registration No. 31,648

10003132-111501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Re: U.S. Patent Application for NEUROPILIN HOMOLOG ZCUB5

Applicants: Brian A. Fox, Zeren Gao, Kimberly E. Shoemaker

Sir:

Express Mail Label No. EL684002251US

Date of Deposit November 15, 2001

I hereby certify that the following attached paper(s) or fee

1. Return Post card
2. Application Fee Transmittal (in duplicate)
3. Patent Application (62 pages)
4. Figures 1-3 (9 sheets of drawings)
5. Unexecuted Declaration and Power of Attorney
6. Sequence Listing (31 pages)
7. ASCII Computer Disk Sequence pursuant to 37 CFR 1.821(e).

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
under 37 C.F.R. 1.10 on the date indicated above, addressed to the Commissioner for Patents,
Washington, DC 20231.


Amy Tomah

ZymoGenetics, Inc
1201 Eastlake Avenue East
Seattle, WA 98102
(206) 442-6600

1003132.11501